



# Degree of Bake

## InfraLab Series 9

### Supplemental Guidelines



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Issue A

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## InfraLab Series 9 Degree of Bake – Supplemental Guidelines

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# Table of Contents

<b>INFRALAB DEGREE OF BAKE SUPPLEMENTAL GUIDELINES .....</b>	<b>1</b>
INTRODUCTION.....	1
CONDUCTING AN AUTO-REFERENCE OR REFERENCE CHECK .....	1
<i>Checking the Gauge Output with the ARS .....</i>	<i>1</i>
PERFORMING A MEASUREMENT .....	2

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# InfraLab Degree of Bake Supplemental Guidelines

## Introduction

This supplement details the minor changes in operation required for using the Degree of Bake (DOB) InfraLab which has additional measurement hardware installed that enables the simultaneous measurement of Moisture and Degree of Bake (Brownness) in Biscuits/Crackers/Cookies and Snack products.

Please follow the instructions of the main InfraLab User Guide and use the following supplement to cover the changes necessary for the DOB InfraLab.

## Conducting an Auto-Reference or Reference Check

The Internal reference standard is not suitable for Degree of Bake InfraLab and has been disabled. To conduct **any** reference/stability checks or auto reference operations, the user must first install the external ARS (supplied with the InfraLab) and perform a reference check as described below.

The InfraLab analyser is self-compensating for factors such as aging of its internal source lamp and is substantially unaffected by ambient light or environmental temperature changes within its operating temperature range. Consequently, the InfraLab should be stable and provide consistent measurements over long periods of operation. If you wish to check this for any reason, it can be done using either of the methods described below.

**Note:** The window should be cleaned before any reference check is performed.

## Checking the Gauge Output with the ARS

1. To do this, you will need to create a product on the InfraLab called “ILAB Check”, with a Span value of 1.00 and a Trim value of 0.00.
2. Select this product.
3. Fit the External ARS to the InfraLab.
4. Collect a sample reading and record the measurements (and note the sample ID) for future reference.
5. Remove the External ARS.
6. Repeat this procedure at periodic intervals and check that the InfraLab readings remain consistent over time.

## Performing a Measurement

The user initiates a sample measurement by touching the  button on the screen.

Sample measurements on the DOB InfraLab will not automatically start when a sample bowl is placed in position.